

## WHAT IS CLAIMED IS:

1. A radiographic apparatus having a radiographic image detection section which detects a radiographic image of an object and a plurality of radiation dose  
5 detection sections which detect a dose of radiation from the object, comprising:  
a control section which decides a mode of use of outputs from the plurality of radiation dose detection sections on the basis of a relative positional  
10 relationship between the object and the radiographic apparatus.
2. The apparatus according to claim 1, wherein the control section decides the mode of use of the outputs from the plurality of radiation dose detection sections  
15 on the basis of an arrangement state of the radiographic apparatus.
3. The apparatus according to claim 1, further comprising a recognition section which recognizes the relative positional relationship between the object and  
20 the radiographic apparatus.
4. The apparatus according to claim 3, wherein the recognition section includes a sensor which detects the relative positional relationship between the object and the radiographic apparatus.
- 25 5. The apparatus according to claim 3, wherein the recognition section includes an operation section and acquires, from the operation section, information

representing the relative positional relationship between the object and the radiographic apparatus.

6. The apparatus according to claim 1, wherein the plurality of radiation dose detection sections are  
5 arranged between pixels of the radiographic image detection section.

7. The apparatus according to claim 1, wherein the plurality of radiation dose detection sections are formed in a layer different from a layer where pixels  
10 of the radiographic image detection section are formed.

8. The apparatus according to claim 1, wherein a radiographic image detection region of the radiographic image detection section has different lengths in vertical and horizontal directions.

15 9. The apparatus according to claim 1, wherein the plurality of radiation dose detection sections are arranged such that when the radiographic image detection section is rotated by only a predetermined angle in a radiographic image detection plane,  
20 positions of all of the plurality of radiation dose detection sections before rotation coincide with those after rotation.

10. The apparatus according to claim 1, wherein the plurality of radiation dose detection sections are  
25 arranged such that when the radiographic image detection section is rotated by only a predetermined angle in a radiographic image detection plane,

positions of some of the plurality of radiation dose detection sections before rotation coincide with those after rotation.

11. The apparatus according to claim 1, further  
5 comprising a pivot mechanism which integrally pivots the radiographic image detection section and the plurality of radiation dose detection sections in a radiographic image detection plane of the radiographic image detection section.

10 12. The apparatus according to claim 1, further comprising an exposure control section which controls exposure of the radiographic image detection section in accordance with the mode decided by the control section.

15 13. A radiographic method applied to a radiographic apparatus having a radiographic image detection section which detects a radiographic image of an object and a plurality of radiation dose detection sections which detect a dose of radiation from the object, comprising:

20 a decision step of deciding a mode of use of outputs from the plurality of radiation dose detection sections on the basis of a relative positional relationship between the object and the radiographic apparatus.

25 14. The method according to claim 13, further comprising an exposure control step of controlling exposure of the radiographic image detection section in

accordance with the mode decided in the decision step.

15. A computer program which causes a computer to execute a radiographic method applied to a radiographic apparatus having a radiographic image detection section  
5 which detects a radiographic image of an object and a plurality of radiation dose detection sections which detect a dose of radiation from the object, comprising:

a decision step of deciding a mode of use of outputs from the plurality of radiation dose detection  
10 sections on the basis of a relative positional relationship between the object and the radiographic apparatus.